

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ORNBERG, ET AL.

Application No.: 09/580,007

Filed: May 26, 2000

Entitled: BIOMATERIALS MODIFIED WITH  
SUPEROXIDE DISMUTASE MIMICS



Group Art Unit: 3738

Examiner: David J. Isabella

CERTIFICATE OF MAILING

I certify that this Amendment A to the Patent and Trademark Office is being transmitted via Express Mail, Label No. EL 755915033 US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this 4th day of November, 2002.

*Kevin W. Buckley*  
Kevin W. Buckley

November 4, 2002

TO THE ASSISTANT COMMISSIONER OF PATENTS,  
SIR:

RECEIVED  
NOV - 7 2002  
TECHNOLOGY CENTER R3700

AMENDMENT A

In response to the non-final office action mailed July 2, 2002, Applicants request the Examiner consider the following amendment and remarks.

AMENDMENT

**In the claims**

Please cancel claim 1.

Please substitute claims 2-63 with the following:

2. (amended) The modified biomaterial of claim 197, wherein the non-proteinaceous catalyst for the dismutation of superoxide is selected from the group consisting of manganese(II) pentaaza complexes, manganese(III) pentaaza complexes, iron(II) pentaaza complexes, iron(III) pentaaza complexes, manganese(II) salen complexes, manganese(III) salen complexes, iron(II) salen complexes, iron(III) salen complexes, manganese(II) porphyrin complexes, manganese(III) porphyrin complexes, iron(II) porphyrin complexes, and iron(III) porphyrin complexes.

3. (amended) The modified biomaterial of claim 197, wherein the non-proteinaceous catalyst for the dismutation of superoxide is selected from the group consisting of manganese and iron chelates of pentaazacyclopentadecane compounds, which are represented by the following formula: